

## What a waste!

### *Education in Chemistry*

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## Relevant to your syllabus

The teaching ideas that accompany the above article 'What a waste!' are relevant to the syllabuses and specifications listed below.

### England

- Key stage 3 science, national curriculum: [Materials: properties of ceramics, polymers and composites \(qualitative\)](#)
- AQA GCSE chemistry: [4.10.2 Life cycle assessment and recycling](#)
- AQA synergy: [4.4.2.7 Positive human impacts on ecosystems](#)
- AQA trilogy: [5.10.2.2 Ways of reducing the use of resources](#)
- Edexcel GCSE chemistry: [9.24C Explain the advantages and disadvantages of recycling polymers](#)
- Edexcel combined science: [4.10 Evaluate the advantages of recycling materials](#)
- OCR gateway chemistry: [C6.1n Evaluate factors that affect decisions on recycling](#)
- OCR 21<sup>st</sup> century chemistry B: [C4.5 What happens to products at the end of their useful life?](#)

### International

- Cambridge iGCSE chemistry (2019): [14.8.2 Synthetic polymers](#)

### Scotland

- Curriculum for excellence benchmarks: [Chemical changes, SCN 4-18a](#)

### Republic of Ireland

- Junior cycle specification: [Strand three: Chemical world, sustainability](#)

### Northern Ireland

- Key stage 3 science, statutory requirements: [Investigate effects of pollution ... and specific measures to improve and protect the environment](#)
- CCEA single award: [4.36 evaluate the problems with the disposal of plastics](#)

### Wales

- Key stage 3 science, national curriculum: [the properties of sustainable materials](#)
- WJEC chemistry: [2.5 \(r\) the environmental issues relating to the disposal of plastics](#)
- WJEC double award: [1.3.2 \(s\) persistence of plastics in the environment](#)
- WJEC single award: [1.2.2 \(s\) the persistence of plastics in the environment](#)